

Providing a diatherman mould having a linear expansion coefficient  $< 3K^{-1}$



Inserting foamable material, optionally with separating agent and functional elements



controlled irradiation with wavelengths in the range of 800 - 5000 nm while foaming the material



cooling off the mould with material



Taking the dimensionally accurate foam part out of the mould.

**FIG. 1**

FIG. 2

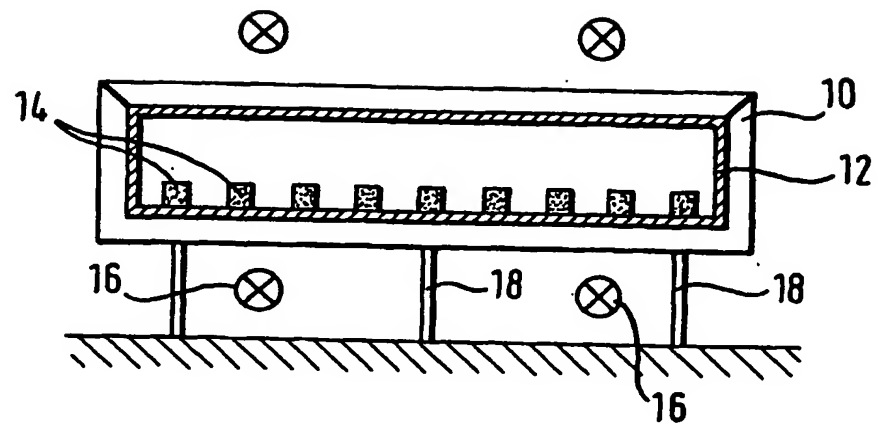


FIG. 3

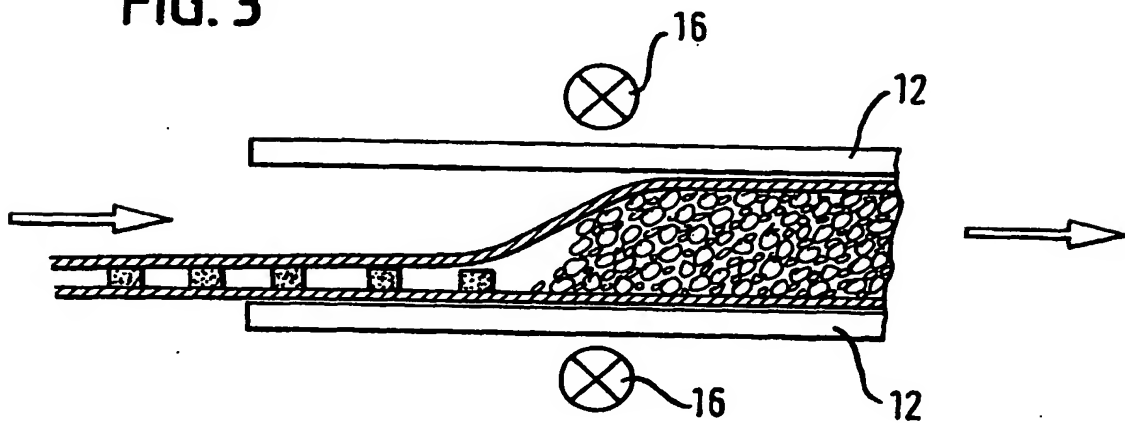


FIG. 4

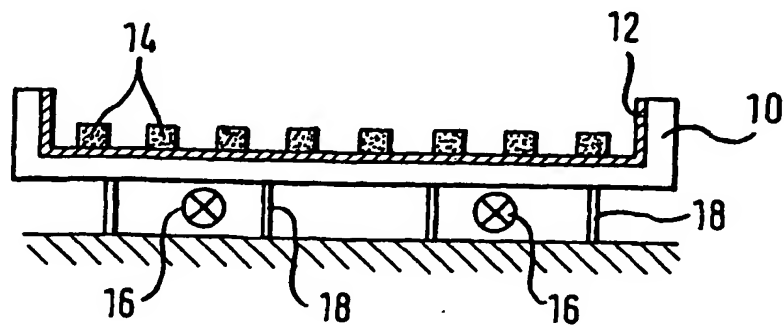


FIG. 5

